DATA SHEET

Three Phase Induction Motor - Squirrel Cage



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Customer	:					
Product line		: General High Efficiency Three- Product cod Phase			11994425	
Frame Output Poles Frequency Rated voltage Rated current L. R. Amperes LRC No load current Rated speed Slip Rated torque Locked rotor torque Breakdown torque Insulation class Service factor Moment of inertia (J) Design		: E143/5TC : 1.5 HP (1.1 kW) : 2 : 60 Hz : 575 V : 1.56 A : 13.7 A : 8.8x(Code L) : 0.760 A : 3430 rpm : 4.72 % : 0.317 kgfm : 420 % : 340 % : F : 1.15 : 0.0018 kgm² : B		Locked rotor time Temperature rise Duty cycle Ambient temperature Altitude Protection degree Cooling method Mounting Rotation¹ Noise level² Starting method Approx. weight³	: 27s (cold) 15s (hot) : 80 K : Cont.(S1) : -20°C to +40°C : 1000 m.a.s.l. : IP21 : IC01 - ODP : F-1 : Both (CW and CCW) : 58.0 dB(A) : Direct On Line : 0.0 kg	
Output	50%	75%	100%	Foundation loads	. 20 l f	
Efficiency (%) Power Factor	81.5 0.69	84.0 0.80	84.0 0.86	Max. traction Max. compression	: 30 kgf : 30 kgf	
Bearing type : 6205 ZZ		Non drive en 6204 ZZ Without Bearing - -	_			

Mobil Polyrex EM

Notes

Lubricant type

This revision replaces and cancel the previous one, which must be eliminated.

- (1) Looking the motor from the shaft end.
- (2) Measured at 1m and with tolerance of +3dB(A).
- (3) Approximate weight subject to changes after manufacturing process.
- (4) At 100% of full load.

These are average values based on tests with sinusoidal power supply, subject to the tolerances stipulated in NEMA MG-1.

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LOAD PERFORMANCE CURVE

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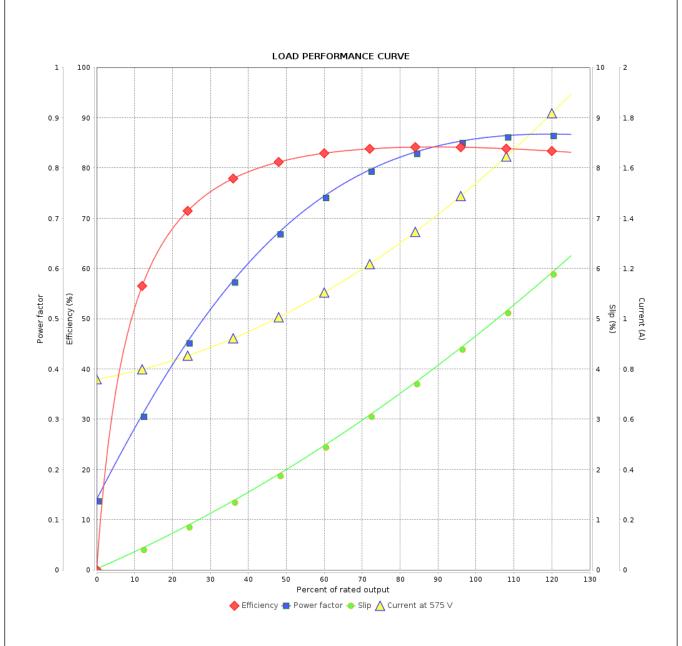


Customer :

Product line : General High Efficiency Three- Prod

Product code:

11994425



Performance		: 575 V 60 Hz 2P					
Rated current		: 1.56 A	Moment o	Moment of inertia (J)		: 0.0018 kgm²	
LRC		: 8.8	Duty cycle	Duty cycle		: Cont.(S1)	
Rated torque		: 0.317 kgfm	Insulation	Insulation class		: F	
Locked rotor torque		: 420 %	Service fa	Service factor		: 1.15	
Breakdown torque		: 340 %	Temperati	Temperature rise		: 80 K	
Rated speed : 3430		: 3430 rpm	Design	Design		: B	
Rev.		Changes Summary		Performed	Checked	Date	

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